

)

)

Abstract

1

2 A load leveling weight distributing hitch which provides enhanced flexibility of

3 attachment and removal is described. This invention is directed to load leveling weight

4 distribution hitches with enhanced strength and which are easy to install and adjust, without the

5 use of special tools or equipment. This invention addresses the attachment of the spring bars

6 commonly used with load leveling hitches by presenting a quick connect / quick disconnect

7 which permits the user to easily install the spring bars without the use of special tools.

8 Additionally, this invention provides a thumb screw adjustment for modifying the pitch angle of

9 the ball hitch. This invention also provides a spring bar lift which provides a novel locking

10 mechanism as well as a chain retention device for maintaining the chain tension during sway.